

WEST Search History for Application 10537825

Creation Date: 2009122122:30

substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polari\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polari\$ with nmPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009 (linear\$ polari\$ with nm) and (substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polari\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(polari\$ with nm) and (substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polari\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide)) same electrodesPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20020098295 or 20040080685PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685) and (substrate\$ same transparent same electrode\$ same parallel same liquis crystal layer\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685) and substrate\$ and transparent and electrode\$ and parallel and liquis crystal layer\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685) and substrate\$ and transparent and electrode\$ and liquid crystal layer\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685 and substrate\$ and transparent and electrode\$ and liquid crystal layer\$) and paralleIPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20040080685 and paralleIPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20060061719PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20060061719) and active devicePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$) and (linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polariz\$ same nm same (align\$ or polyimide or polyamide)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)) and ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$) and ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$)
 same ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal
 layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 ((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$)
 and (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))PGPB, USPT, USOC,
 EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 ((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$
 and linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)) not (linear\$ polariz\$
 same nm same (align\$ or polyimide or polyamic) and (substrate\$ same transparent same
 electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB,
 JPAB, DWPI, TDBD ADJ 06-21-2009
 us-5856430-\$.did. or us-6200655-\$.did.PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ 06-21-2009
 (us-5856430-\$.did. or us-6200655-\$.did.) and transparentPGPB, USPT, USOC, EPAB, JPAB,
 DWPI, TDBD ADJ 06-21-2009
 (us-5856430-\$.did. or us-6200655-\$.did.) and (electri\$ same parallel)PGPB, USPT, USOC,
 EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (electri\$ with parallel) same (substrate\$ same electrode\$ same liquis crystal layer\$)PGPB,
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)PGPB,
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 ((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)) and
 (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))PGPB, USPT, USOC,
 EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 20010048498 or us-6704082-\$.did. or us-6943861-\$.did.PGPB, USPT, USOC, EPAB, JPAB,
 DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and ((electri\$ with parallel) same
 (substrate\$ same electrode\$ same liquid crystal layer\$)) and (linear\$ polariz\$ same nm
 same (align\$ or polyimide or polyamic)))PGPB, USPT, USOC, EPAB, JPAB, DWPI,
 TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and ((electri\$ with parallel) same
 (substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same
 (align\$ or polyimide or polyamic))) and (transparent or thin film)PGPB, USPT, USOC, EPAB,
 JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and ((electri\$ with parallel) same
 (substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same
 (align\$ or polyimide or polyamic))) and (transparent or thin film) and alignment layerPGPB,
 USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and ((electri\$ with parallel) same
 (substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same
 (align\$ or polyimide or polyamic)) and (transparent or thin film)) and align\$PGPB, USPT,
 USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 us-6704082-\$.did. and (transparent or thin film) and alignment layerPGPB, USPT, USOC,
 EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (us-6704082-\$.did. and (transparent or thin film) and alignment layer) and (parallel) and axis
 and linearlyPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and (parallel same axis) and
 linearlyPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and cyclobut\$PGPB, USPT, USOC,
 EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and nmPGPB, USPT, USOC, EPAB,

JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (pre-tilt\$ or tilt\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and ((pre-tilt\$ or tilt\$) same angle)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and transistion temperaturePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (pixel same common)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and commonPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (common same insulating same \$organic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (common same insulat\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (common same insulat\$ same \$organic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and wavelengthPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
20060061719	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
20010048498	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(20010048498) and \$tetracarboxylic\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
\$cyclobutanetetracarboxylic\$	PGPB, USPT,	ADJ	YES		12-21-2009

	USOC, EPAB, JPAB, DWPI, TDBD				
($\text{Cyclobutanetetracarboxylic}$) and (20060061719)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
$\text{Cyclobutanetetracarboxylic}$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$) same align	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$) same align same diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$) same diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$ same diamine) and linear polarized light	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		12-21-2009

	TDBD				
(cyclobutanetetracarboxylic) and linear polarized light	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(cyclobutanetetracarboxylic and linear polarized light) and nm	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(cyclobutanetetracarboxylic and linear polarized light and nm) and diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(cyclobutanetetracarboxylic and linear polarized light and nm and diamine) and (electrode same substrate same liquid crystal)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
electric field same parallel	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(cyclobutanetetracarboxylic and linear polarized light and nm and diamine and (electrode same substrate same liquid crystal)) and (electric field same parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(electric same parallel) and (cyclobutanetetracarboxylic and linear polarized light and nm and diamine)	PGPB, USPT, USOC,	ADJ	YES		12-21-2009

	EPAB, JPAB, DWPI, TDBD				
us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and (\$di\$cyclobutanetetracarboxylic\$ and linear\$ polarized light and nm and diamine and (electrode same substrate same liquid crystal\$) and electric field same parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and (\$di\$cyclobutanetetracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did.) and (\$di\$cyclobutanetetracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did.) or (us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES		12-21-2009

us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.)	DWPI, TDBD				
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did. or us-6063829-\$.did. or us-5921201-\$.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and (PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$cyclobutanetetracarboxylic\$) and (\$di\$cyclobutanetetracarboxylic\$ same diamine))					
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did. or us-6063829-\$.did. or us-5921201-\$.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and (\$cyclobutanetetracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009